

[See All RGB Controllers and Selection Guide](#)

Product Specifications

Applications:	Specific color selection or color change with speed control modes for accent lighting
Function:	Control 3 channel RGB LED products using wireless remote
Operating Voltage:	12~24 Volts DC
Connection Mode:	Common Anode (+)
Output:	Three CMOS output RGB
Maximum Load Current:	3 Amps/channel (9 Amps total)
Output Power:	108 Watts
Overall Size:	(L)109 X (W)42 X (H)77 mm
Control Method:	4 button wireless RF Remote Control
Batteries Required:	23A, 12V battery for Remote (included)
Modes:	11 total (7 static and 4 dynamic) see desc. below
Operating Temperature:	-25~60°C

Static and Dynamic Color Modes

1. Static Red	5. Static Red / Blue mix =Violet	9. Cycles through all color combinations
2. Static Green	6. Static Green / Blue mix =Aqua	10. Cycles through →Red→Green→Blue→ fading in and out
3. Static Red / Green mix =Yellow	7. Static R / G / B mix =White	11. Cycles through all color combinations fading in and out
4. Static Blue	8. Cycles through →Red→Green→Blue→	

LDRF-WRGB3: 12VDC Weatherproof RGB LED Controller

The Model LDRF-WRGB3 is used to control 12 Volt RGB LED Light Bars and Light Strips with common anode wiring, such as our FLS-RGB series Light Strip. Using the included hand held wireless remote control, RGB Light Strips can be set to one of seven different static colors or one of four different flashing patterns. The remote control can also adjust pattern speed and turn system ON and OFF. With 9 Amp continuous load capability, the LDRF-WRGB3 can drive up to 20 meters of our FLS-RGB Light Strips. For longer runs use our RGB Amplifiers.

NOTES:

- 1.) Wireless controller uses one 23A, 12V battery.
- 2.) UP and DOWN buttons will only work when unit is in one of the four color-changing (dynamic) modes.
- 3.) Each Controller has a handheld Remote matched to it and will only work with it's matched Remote. One Remote cannot operate multiple Controllers.
- 4.) Controller can control a maximum of 20 meters of our Flexible RGB LED Strip. Over 20 meters, the Strips have to connect with an amplifier to reinforce the transmission of signal. Use one RGB Amplifier for every 30 meters of additional LED Strips.
- 5.) Do not exceed 80% of Power Supply capacity when calculating Power Supply size to use in your system.

RF Remote Control

